Approved For Release 2003/02/27 : CIA-RDP81B00879R001000130028-1

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ASS. CHANGED TO: TO	2012	27 Tanana Likili	
TH: HR 70-2 TE: 16/2/92 REVIE	WER	21 January 1984	
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MERKARANDUR I	OR: Chief, Mat	teriel Division, OSA	
SUBJECT		or ARC-34 and S18 T-3 Equipment uctive Environmental Teating	
procedures discussed. that loss of arcing problems T-3, or	equipment, to iuring flame-out During these di pressurization lem which could both. complete	relative to operational use the question of operational t at altitude was thoroughly incussions, it became evident a at altitude could cause an put either the ARC-34, the ly out of commission.	25X1A
transmitter losses, then whether the In summation base had been	failure in the re has been no be transmitters we have it is possible	iast three IDEALIST sircraft known effort to determine ere still capable of operation. le that radio contact to the ut that either power failure	
unit one of	each, be made	hat a 618 T-3 and an ARC-34 available for destructive	
environments	il testing to de altitudes under	etermine the operating limits r varying pressurightion	
temperature	and power cond	ditions. Such a test could be ata output from the 818 T-3	
tests would	directly affect	t the operational procedures to	
be used role	the test data fi	ron the ARC-34 would directly	<b>&gt;</b>
affect the	operational pro	ocedures to be used relative to	
		s. Such data are also required tch may now exist.	
to the exter	et that the unit	tive testing" may be misleading ts could be overhauled after test as a supply item. Such tests tructive to the high voltage	
		This document ages the escenation	7
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power supplies, and transmitter amplifiers than to other portions of the equipments.

5. It would be suggested that the same type of test be conducted for the ARC-50 and 618 T-3 on OXCART.

Chief Engineering and Analysis Division
(Special Activities)

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EAD/OSA:

Cys l & 2 - MD/OSA
3 - D/TECE/OSA
4 - D/FA/OSA
5 - IDEA/OSA
6 - COMMO/OSA
7 - EAD/OSA
8 - EAD/OSA Chrono
9 - RB/OSA

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